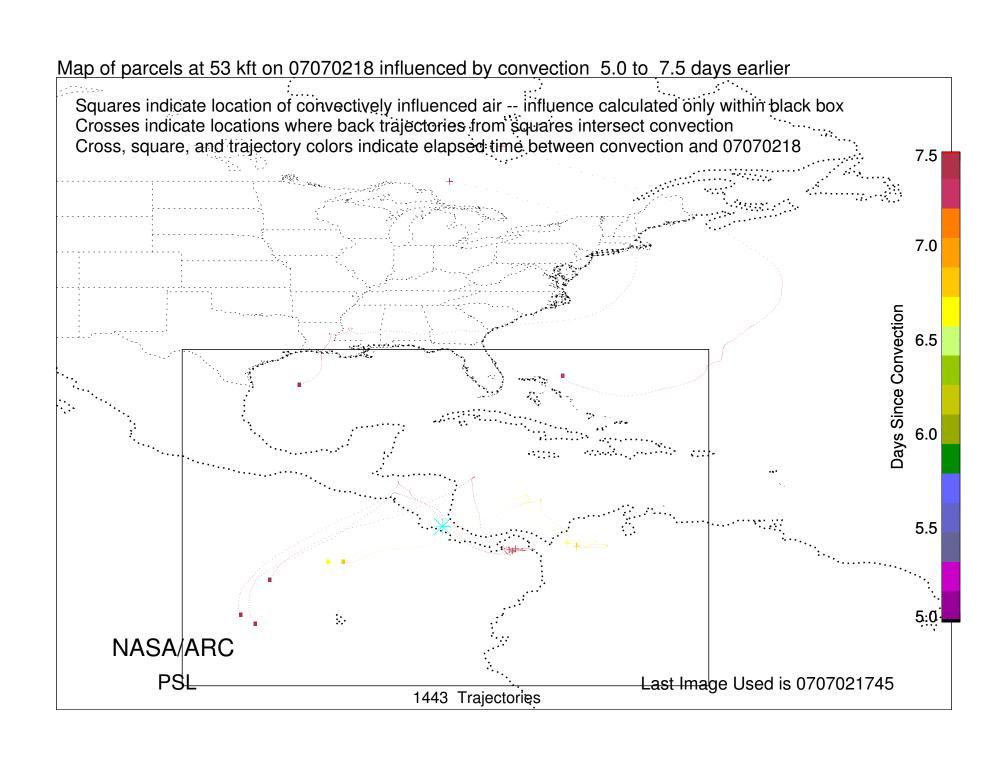
Map of parcels at 53 kft on 07070218 influenced by convection 0.0 to 2.5 days earlier Squares indicate location of convectively influenced -- influence calculated only within black box Crosses indicate locations where back trajectories from squares intersect convection Cross, square, and trajectory colors indicate elapsed time between convection and 07070218 2.5 2.0 Days Since Convection 1.5 1.0 0.5 NASA/ARC PSL Last Image Used is 0707021745 1443 Trajectories

Map of parcels at 53 kft on 07070218 influenced by convection 2.5 to 5.0 days earlier Squares indicate location of convectively influenced air -- influence calculated only within black box Crosses indicate locations where back trajectories from squares intersect convection Cross, square, and trajectory colors indicate elapsed time between convection and 07070218 5.0 4.5 Days Since Convection 4.0 3.5 3.0 2.5 NASA/ARC **PSL** Last Image Used is 0707021745 1443 Trajectories



Map of parcels at 53 kft on 07070218 influenced by convection 7.5 to 10.0 days earlier Squares indicate location of convectively influenced air -- influence calculated only within black box Crosses indicate locations where back trajectories from squares intersect convection Cross, square, and trajectory colors indicate elapsed time between convection and 07070218 9.5 9.0 8.5 8.0 NASA/ARC P\$L Last Image Used is 0707021745